



West Nile Virus in Peel August 1 – 7, 2010

West Nile Virus Surveillance 2010	Week of August 1 – 7, 2010				Year to Date			
	Total	Brampton	Caledon	Mississauga	Total	Brampton	Caledon	Mississauga
WNV-Positive Mosquito Pools	0	0	0	0	2	0	0	2
Confirmed Human Cases	0	0	0	0	0	0	0	0

Surveillance

The adult mosquito surveillance program started on June 14, 2010. Adult mosquitoes will be collected weekly from mosquito traps at 31 fixed locations throughout the region of Peel until late September. To date, 433 mosquito batches have been tested for WNV and two have tested positive. No batches tested positive this week.

Region of Peel – Public Health has received six stagnant water reports from Peel residents this week.

There have been no human cases of WNV reported in Peel.

Mosquito Reduction

The larviciding program started on June 1, 2010 and will continue until September 30, 2010. Larviciding involves applying environmentally friendly products to reduce mosquito larvae (immature mosquitoes) living in stagnant water. The products are applied to municipal catch basins and selected sites on public property.

The fourth and final round of larviciding started in Mississauga on August 9. The fourth round is indicated by a green dot on the catch basin grate. It takes three weeks to complete a round of larviciding.

Larviciding of catch basins in the green spaces of parks in Peel has been completed. The treatment of surface water sites on public lands is ongoing.

Public Education

Now that WNV is present in Peel, residents are encouraged to continue using personal protection measures, such as:

- Avoiding areas with large numbers of mosquitoes
- Wearing light-coloured clothing, including long sleeves, long pants, socks and a hat whenever you are outdoors (even when you are in your backyard), especially at dusk and at dawn
- Using only those personal insect repellents that are registered for use in Canada and applying the repellent according to the manufacturer's directions
- Removing areas of standing water around your house

For more tips, please visit www.peel-bugbite.ca.

WNV in Ontario

To date, there have been four WNV-positive mosquito batches reported in Ontario, including two in Peel region and one each in Toronto and Windsor-Essex County. There have been no human cases of WNV illness reported in Ontario.

WNV in Canada

To date, there have been eight WNV-positive mosquito batches reported outside of Ontario. Both Manitoba and Saskatchewan have reported four positive batches. There have been no human cases of WNV illness reported in Canada.

WNV in the United States

There have been 45 human cases of WNV, including 19 cases in Arizona, six cases in California, four cases in Colorado and three each in Georgia and South Dakota. There have been two WNV-related deaths in the United States, both in Arizona.

For information on WNV activity in the United States, please see:

http://diseasemaps.usgs.gov/wnv_us_human.html

For more information about WNV and the Region of Peel's WNV Prevention Plan, call 905-799-7700, from 8:30 a.m. to 4:30 p.m. Monday to Friday. Caledon residents call toll free at 905-584-2216.



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